THE

GARDENS' BULLETIN

SINGAPORE

Vol. XVII 1958 – 1960

Part 1 — 1st November, 1958.
Part 2 — 5th December, 1959.
Part 3 — 18th May, 1960.

To be purchased at the Botanic Gardens, Singapore
Part 1, $12.50, Part 2, $12.50, Part 3, $12.50
Complete Volume $25

(Overseas postage extra)

Prices quoted in Malayan currency

Published by Authority

—

PRINTED BY LEE KIM HENG, ACTING GOVERNMENT PRINTER, SINGAPORE.

—

1960

COMMONWEALTH MYCOLOGICAL
7 JUN 1961

CORRIGENDA—Volume 17

Note: Part 2 page headings—*for Vol. XVII (1958) read Vol. XVII (1959)*

Part 3 page headings—*for Vol. XVII (1959) read Vol. XVII (1960)*

p. 271	line 37:	*for*	**Vittaria flexuosa** Fee	*read*	**Vittaria scolopendrina** (Bory) Thw.
p. 389	Section heading:	*for*	**Ser. Validae (Miq.) Corner**	*read*	**Ser. Subvalidae (Miq.) Corner**
pp. 395 & 396	Section heading:	*for*	**Subsect Benjamina Miq.**	*read*	**Subsect Benjamina (Miq.) Corner**
p. 414	penultimate line:	*for*	*Smithii*	*read*	**Smithii**
p. 419	last line:	*for*	Wall. ex. Miq.	*read*	(Wall. ex. Miq.) King
p. 445	line 17:	*for*	*Adenospermal*	*read*	*Adenosperma*
p. 448	line 9:	*for*	*inconspicula*	*read*	inconspicua
p. 450	line 11:	*for*	*minanassae*	*read*	*minahassae*
p. 481	line 3 from bottom	*for*	*retuso*	*read*	*retusto*

CONTENTS

Page

Part 1—1st November, 1958

KOSTERMANS, A. J. G. H.: New and Critical Malaysian Plants, V 1

KORIBA, K.: On the Periodicity of tree growth in the tropics 11

GILLILAND, H. B.: Plant Communities on Singapore Island 82

KERN, H. J.: Juncaceae, a new family record for Malaya 91

SINCLAIR, J.: *Ararocarpus*—A Monstrosity 93

SINCLAIR, J.: Florae Malesianae Precursores—XX. The Genus *Gymnacranthera* (Myristicaceae) in Malaysia 96

BOOK REVIEW: Common Malayan Plants—(Selected Drawings with notes) *by* H. B. Gilliland 121

* * * * *

Part 2—Centenary Issue—5th December, 1959

DEDICATION 123

PURSEGLOVE, J. W.: History and Functions of Botanic Gardens with special reference to Singapore 125

RUSSELL, T. A.: Kew and Singapore 155

VAN STEENIS, C. G. G. J.: Singapore and Flora Malesiana 161

LAM, H. J.: A tale of two cities: Singapore and Leiden 166

BURKILL, I. H.: A note on the Gardens' Jungle 171

WYATT-SMITH, J.: The Singapore Botanic Gardens and Forestry in Malaya .. 172

WYCHERLEY, P. R.: The Singapore Botanic Gardens and Rubber in Malaya .. 175

ANONYMOUS (*A Malayan Agriculturist*): The Contribution to Agriculture in Malaya by the Singapore Botanic Gardens 187

HOLTTUM, R. E.: Orchids, Gingers and Bamboos; Pioneer work at the Singapore Botanic Gardens and its significance for Botany and Horticulture 190

FURTADO, C. X.: Singapore's Contribution to the Study of Palms 195

QUISUMBING, E.: Manila and the Singapore Gardens 199

BURKILL, H. M.: The Botanic Gardens and Conservation in Malaya 201

KUSNOTO SETYODIWIRYO: The Singapore Botanic Gardens and the Central Institute for Nature Research in Indonesia at Bogor. Comments on Past and Present Co-operation and the Need to continue it 206

CORNER, E. J. H.: The Importance of Tropical Taxonomy to modern Botany .. 209

GILMOUR, J. S. L.: The International Code of Nomenclature for Cultivated Plants, with Special Reference to Tropical Botanic Gardens 215

Page

FOSBERG, F. R.: The Importance of Biological Research in the Pacific Region .. 219

MATTSSON, L.: Role of Botanic Gardens in the Humid Tropics and U.N.E.S.C.O's Programme related to them 225

GILLILAND, H. B. and WANTMAN, M. J.: Regenerating High Forest on Singapore Island 228

ROBINSON, R. A.: The pH of Rain Water from the Botanic Gardens 244

MOLESWORTH-ALLEN, M.: Malayan Fern Notes 251

MOLESWORTH-ALLEN, B.: Malayan Fern Notes, II 253

KERN, J. H. and VAN STEENIS, C. G. G. J.: An Interesting new Record from the Malayan Beach: *Spilanthes urens* Jacq., its synonymy and distribution .. 273

FURTADO, C. X.: A New Aroid from Sarawak 276

FURTADO, C. X.: Some New or Noteworthy species of Malaysia 279

JOHNSON, A.: The Genus *Sphagnum* in Malaysia 312

JOHNSON, A. and TAN KIAP SENG: *Cleome ciliata* Schum. et Thonn. in Singapore 325

OBITUARIES:

Haji Mohamed Nur bin Mohamed Ghous, B.E.M. 331

Ngadiman bin Haji Ismail 337

Kwan Koriba 339

* * * * *

Part 3—18th May, 1960

SANTAPAU, H.: I. H. Burkill in India 341

FURTADO, C. X. and R. E. HOLTTUM: I. H. Burkill in Malaya 350

VAN STEENIS, C. G. G. J.: *Phellodendron*, a genus of trees new to the Malayan Flora (Rutaceae) 357

HOLTTUM, R. E.: Vegetative Characters distinguishing the various groups of ferns included in *Dryopteris* of Christensen's *Index Filicium*, and other ferns of similar habit and sori 361

CORNER, E. J. H.: Taxonomic Notes on Ficus Linn., Asia and Australasia. Sections 1–4 368

(*Editor*): Posthumous Publication of New Dipterocarp Species from North Borneo 486

B.E.S.: G. H. S. WOOD, M.A., F.L.S. (A tribute) 498

INDEX 503

INDEX – VOLUME 17

References are given

(*a*) Names of authors of papers in capitals:

(*b*) New taxa and binomials in bold print:

(*c*) Taxonomic synonyms in italics.

Abarema nediana Kosterm. 8

Aglaomorpha heraclea (Kze.) Copeland 256

Agriculture in Malaya 187

ALLEN, B. M.: 251, 253

Alseodaphne magnifica Kosterm. 3

Ampelopteris prolifera (Retz.) Copeland 261

Ararocarpus Scheffer 93

Arcypteris 365

Ardisia 279

A. breviramea Merr. 291
calcicola Furtado 298
calophylla Furtado 298
disticha A.D.C. 281
ferox Furtado 279
ferruginea Mez 287
foliosa Furtado 302
fuliginosa Bl. 281
gambeleana Furtado 293
goodenoughii Furtado 291
iteophylla Ridl. 306
korthalsiana Scheff. 281
laevigata Bl. 283
littoralis Andr. 298
miqueliana Scheff. 287
nurii Furtado 287
pachysandra (Wall.) Mez 282
pachysandra (Wall.) Mez *sensu* Ridley 279
porosa Clarke 309
purseglovei Furtado 300
praetermissa Furtado 283
rudis Sinclair 287
A. sessilis Scheff. 289
singaporensis Ridl. 286
tetrasepala King & Gamble 310
teysmanniana Scheff. 282
teysmanniana Scheff. *sensu* Ridley 281
tiomanensis Furtado 296
tomentosa Presl. 281
tumida Furtado 304
vaughanii Ridl. 302

Athyrium 366

A. amplissimum (Baker) Holttum 270
boryanum (Willd.) Tawaga 270
curtisii Holttum 269
dilatum (Bl.) Milde 271
japonicum (Thunb.) Copeland 269
velutinum (Holtt.) Holttum 269

Bamboos: pioneer work on 193

Banyan 382

Blechnum fraseri (A. Cunn.) Luerssen
var. philippinense Christ. 263

B. orientale Linn. 263

Botrychium daucifolium Wall. 251

Brownlowia purseglovei Kosterm. 1

BURKILL, H. M.: 201

BURKILL, I. H.: 171

Burkill, I. H.: Biographic notes on 341, 350

Christiopteris tricuspis (Hook.) Christ. 259

Colysis acuminata (Baker) Holttum 256

Coniogramme fraxinea (Don) Diels 271

Conservation 151, 201
CORNER, E. J. H.: 209, 368, 405, 416, 442
Cornopteris 366
Covellia albipila Miq. 408
C. cyrtophylla Wall. 473
zollingeriana Miq. 473
Ctenitis 365
Ctenitopsis 365
Ctenopteris celebica (Bl.) Copeland 260
Cyathea excavata Holttum 255
Cystopteris tenuisecta (Bl.) Mett. 268
Dipterocarpaceae, New Species from Borneo 486
Dipterocarpus exaltus van Slooten 486
Dryoathyrium 365
Dryopolystichum 365
Dryopteris 361, 366
D. subarborea (Bak.) C. Chr. 267
sparsa (Don) O. Ktze. 267

Elaphoglossum decurrens (Desv.) Moore 267
E. melanostichum (Bl.) Moore 267
Erythrophloeum densiflorum (Elm.) Merr. 5
E. unijugum Airy Shaw 5

Ficus 368
generic subdivisions
Albipilae Corner (Subseries) 406, 408
Americana Miq. (Section) 375
Auratae Corner (Series) 420, 434
Auratae (Subseries) 420,434
Austrocaledonicae Corner (Series) 407, 414
Basitepalae Corner (Subseries) 419, 429
Benjamina (Miq.) Corner (Subsection) 374, 395
Benjamineae Miq. (Series) 374, 395
Callophylleae Corner (Series) 374, 396
Cariceae Corner (Series) 418
Caulobotryae (Miq.) Corner (Series) 371
Conosycea (Miq.) Corner (Section) 371, 379
Conosycea (Subsection) 372, 379
Copioseae Corner (Series) 445, 453
Crassirameae Corner (Subseries) 373, 384
Cuneifoliae Corner (Subseries) 420, 433
Cuspidatae Miq. (Series) 448, 479
Cyclanthereae Corner (Series) 375
Cyrtophylleae Corner (Series) 446, 473
Dehiscentes Corner (Subseries) 419, 433
Dictyneuron Corner (Subsection) 373, 388
Drupaceae Corner (Series) 372, 380
Drupaceae (Subseries) 372
Dubiae Corner (Series) 373
Eriosycea (Miq.) Corner (Subsection) 419, 429
Eriosyceae Corner (Series) 419, 429
Eriosyceae (Subseries) 419, 429
Erythrogyneae Corner (Series) 418, 420
Eubracteatae Corner (Subseries) 375, 401
Exasperatae Corner (Series) 446
Ficus (Subgenus) 416, 417, 442
Ficus (Section) 416, 417
Ficus (Subsection) 417, 420
Fibrosifoliae Corner (Series) 448, 480
Galoglychia (Gasp.) Endl. (Section) 375
Glaberrimae Corner (Series) 373, 388
Hesperidiiformes Corner (Subseries) 375, 403
Heterophylleae Corner (Series) 446
Indicae Corner (Subseries) 372, 381
Leucogynae Corner (Section) 371
Malvanthera Corner (Section) 375, 401
Malvanthereae Corner (Series) 375, 401
Malvanthereae (Subseries) 375, 402
Minutuliflorae Sata (Series) 448, 480
Monandreae Corner (Subseries) 420, 438
Nervosae Corner (Series) 407, 409
Oreosycea (Miq.) Corner (Section) 406
Orthoneurae Corner (Series) 371
Palaeomorphe (King) Corner (Subsection) 446, 475
Pallidae Miq. (Series) 447, 475
Perforatae Corner (Series) 374, 394
Phaeopilosae Corner (Series) 445, 450
Pharmacosycea Miq. (Subgenus) 405
Pharmacosycea (Section) 406
Platypodeae Corner (Subseries) 375, 402
Podosyceae Corner (Series) 418, 426
Podosyceae (Subseries) 419, 426
Prostratae Corner (Series) 444, 449
Pseudopalmae Corner (Series) 418
Pungentes Corner (Series) 444,450
Religiosae Miq. (Series) 371

Rivulares Corner (Series) 418
Scabrae Miq. (Series) 445, 458
Sinosyceae Corner (Series) 418, 420
Subulatae Corner (Series) 447, 478
Subvalidae (Miq.) Corner (Series) 373, 389
Superbae Corner (Series) 371
Stilpnophyllum Endl. (Section) 374
Sycidium Miq. (Section) 442, 443
Sycidium (Subsection) 444, 449
Trichosyceae Corner (Subseries) 419, 430
Urostigma (Gasp.) Miq. (Subgenus) 368, 370
Urostigma (Section) 371, 376
Vasculosae Corner (Series) 406, 408
Vasculosae (Subseries) 406, 408
Validae Miq. (Series) 372, 379
Varinga (Miq.) Corner (Subsection) 446, 473
Zygotricheae Corner (Subseries) 372

Ficus: specific divisions

F. abelii Miq. 419
acamptophylla King 390
acanthophylla Summerhayes 455
acrorrhyncha Summerhayes 395
aculeata A. Cunn. 471
var. *micrantha* (Miq.) Benth 471
acuminatissima Miq. 481
adami Elm. 388
alba Reinw. 429
albipila (Miq.) King 407, 408
var. **glabra** Corner 408
alongensis Gagn. 376
ampelas Burm. f. 459
var. **linearis** Corner 460
obversifolia Miq. 456
sonorensis (King) Corner 460
anastomosans Wall. 477
andamica Corner 454
androbrota Summerhayes 458
androchaete Corner 438
anggica Diels 455
angustissima Merr. 458
annamensis Gagnep. 434
annulata Bl. 372
argentea Bl. 378
armiti King 448
F. arnottiana Miq., var. **subcostata** Corner 379
aspera Forst. f. 444, 446, 472
asperior Miq. 460
asperiuscula Kunth & Bouché 473
asymmetrica Lévl. & Vant. 473
augusta Corner 403
auranticarpa Elm. 380
aurata Miq. 420
var. **brevipilosa** Corner 437
longipilosa Corner 437
palawensis Corner 437
pedunculata Corner 438
auriculifera Merr. 480
aurita Reinw.
var. **auriculifera** (Merr.) Corner 480
celebica (Reinw.) Corner 480
austrocaledonica Bur. 407
var. **balansaeana** (Bur.) Corner 415
balansaeana Bur. 415
balica Miq. var. **colfsii** Corner 456
banahaensis Elmer 433
beecheyana Hook. & Arn.
var. *koshunensis* (Hayata) Sata 427
behrmanniana Diels 412
bengalensis Linn. 372, 381
benjamina Linn. 374
var. **bracteata** Corner 396
benjaminoides Corner 400
bennettii Seem 414
biglandulosa Miq. 460
blepharisepala Warb. 460
binnendykii Miq.
var. **coriacea** Corner 395
cupulata Corner 395
latifolia Corner 395
brachypoda Miq. 402
bruneiensis Corner 435
brunneo-aurata Corner 436
burkillii Ridl. 423
calcicola Corner 392
callophylla Bl. 374
var. **leytensis** Corner 396
malayana Corner 396
minor Corner 397
calophylloides Elm. 395

F. heteropleura Bl. 480
var. **hirta** Corner 480
mindanaensis (Warb.) Corner 480
hillii F. M. Bailey 398
hirta Vahl. 419
var. **appressa** Corner 430
brevipila Corner 430
dumosa (King) Corner 430
malayana Corner 430
squamosa Corner 431
hispidulosa Elmer 448
hololampra Diels 462
hombroniana Corner 410
hookeri Miq. 378
hookeriana Corner 378
hypsophila Miq. var. angustata Miq. 481

Ficus indica foliis mali cotoneae 382

Ficus indica Theophrasti 382

F. iidaiana Wilson 418
imbricata Corner 467
inaequifolia Elmer 477
inaequilatera Ridl. 473
inaequipetiolata Merr. 437
indecora A. Cunn. 471
indica Linn. 381, 389
var. gelderi (Miq.) King 394
infectoria (Miq.) Miq. 376
infectoria Willd. 376
insularis Miq. 477
irisana Elmer, var. **validicaudata** (Merr.) Corner 464
irregularis Miq. 478
ischnopoda Miq., var. **subcylindrica** Corner 429
kajewskii Summerhayes 472
keyensis Laut. & K. Schum. 452
kinabaluensis Stapf. 423
kjellbergii Corner 411
koutumensis Corner 449
korthalsii Miq. 389
var. *beccariana* King 389
koshunensis Hayata 427
krausseana Rechinger 455
laceratifolia Lévl. & Arn. 428
lamprophylla Laut. & K. Schum. 455
lancifolia Miq. 481
lawesii King 388
leptocalama Corner 483

F. *leptodictya* Diels 463
leptogramma Corner 473
leptorhyncha Koord. & Val. 473
leuchotricha Miq.
var. **megacarpa** F.v. M. 402
sessilis Corner 402
litseifolia Corner 433
lowii King
var. **borneensis** Corner 389
minor Corner 389
lutescens Desf. 423
luzonensis Merr. var. *imberbis* Elmer 426
macilenta King
var. **gibbsiae** (Ridl.) Corner 439
ilicifolia Corner 439
maclellandi King, var. **rhododendrifolia** Corner 392
macrophylla Desf. 374, 375
macropoda Miq. 426
macropoda Kurz. 454
macropodocarpa Lévl. & Vant. 429
madhucifolia Corner 412
madhurensis Miq. 453
var. **angustifolia** Corner 453
magnifica Elmer 477
mallotoides Val. 408
mangiferifolia Laut. & K. Schum. 412
manilensis Warb. 452
maxima P. Mill. 406
mearnsii Merr. 427
melinocarpa Bl., var. **hololampra** (Diels) Corner 462
micrantha Miq. 471
microcarpa Linn. f. 397
var. **eubracteata** Corner 398
hillii (Bailey) Corner 398
latifolia (Miq.) Corner 398
f. **pubescens** Corner 398
naumannii (Engl.) Corner 398
saffordii (Merr.) Corner 399
microstoma Wall. 394
microtricherinos Backer 408
microtus Miq., var. *borneensis* Miq. 481
midotis Corner 482
mindanaensis Warb. 480
mollis Miq., var. *albipila* Miq. 408
motleyana Miq. 424
muntia Link 472

F. montana Burm. f. 453
var. **purpurascens** (Bl.) Corner 453
mooniana King 379
myriocarpa Miq. 450
myrmekiocarpa Summerh. 404
mysorensis Heyne 381
var. *pubescens* Roth 381
naumannii Engl. 398
nemoralis Wall. 426
var. *gemella* (Wall.) King 426
fieldingii King 426
trilepis King 426
neriifolia J. E. Sm. 426
var. **fieldingii** (Miq.) Corner 426
nemoralis (Wall.) Corner 426
trilepis (King) Corner 426
nervosa Heyne 406, 407
nhatrangensis Gagnep 429
nitida auct. 397
nubigena Diels 455
oblongoneura Miq. 424
obliqua Forst. f.
var. **petiolaris** (Benth.) Corner 402
puberula (Benth.) Corner 402
obscura Bl. 448, 480
var. **angustata** (Miq.) Corner 481
borneensis (Miq.) Corner 481
kunstleri (King) Corner 481
scaberrima (Bl.) Miq. 482
obtusifolia Roxb. 397
oleaefolia King 418
var. **dodonaeiformis** (Gagnep.) Corner 425
epiphytica (Elmer) Corner 425
memecylifolia Corner 425
myrsinoides Corner 425
riparia Corner 426
oleracea Corner 465
var. **pugnans** Corner 466
onusta Wall. 380
opposita Miq. 471
var. **indecora** (A. Cunn.) Corner 471
micrantha (Miq.) Corner 471
orbicularis A. Cunn. 471
orthoneura Lévl. & Vant. 371
otariophylla Diels 478
ovoidea Jack 421
paramorpha Corner 440
F. *pachyphylla* Merr. 396
parasitica Willd. 476
parcelli Veitch 472
pachystemon Warb. 412
pachysycia Diels 409
pacifica Elm. 385
palaquiifolia Corner 399
palawensis Merr. 385
palmata Forsk 418
paracamptophylla Corner 387
parkinsonii Hiern 376
patellata Corner 400
patellifera Warb. 385
pedunculosa Miq. 419
var. **confertifolia** (Merr.) Corner 426
imberis (Elmer) Corner 426
macropoda (Miq.) Corner 426
mearnsii (Merr.) Corner 427
segaarensis (Engl.) Corner 427
velutina Corner 427
pellucida-punctata Griff. 394
pereng Steud. 474
philippinensis Miq. 477
var. *sessilis* Bur. 478
pilosa Reinw. 380
pinkiana F. v. M. 477
pisifera Wall. 481
pisocarpa Bl. 374, 394
platypoda A. Cunn. 375, 403
var. *petiolaris* Benth 402
polygramma Corner 399
porphyrochaete Corner 451
portus-finschii Warb. 455
praetermissa Corner 474
primaria Corner 457
pritzelii Warb. 376
procera Bl. 386
var. *crassiramea* (Miq.) King 384
prolixa Forst. f.
var. **subcordata** Corner 378
proteus Bur. 471
pruniformis Bl. 380
pseudojaca Corner 413
pseudopalma Blanco 418
puberula A. Cunn. 403
pubilimba Merr. var. **ovata** Corner 384
pubinervis Bl.
var. **diandra** Corner 410

F. pubinervis Bl.
sibulanensis (Elm.) Corner 411
f. *sibulanensis* (Elm.) Sata 411
pungens Reinw. 445, 450
purpurascens Bl. 453
pustulata Elm. var. **lanceifolia** (Sata) Corner 429
quercifolia Roxb. 453
regnans Diels 398
religiosa Linn. 370, 371
reticulata Thunb. 476
reticulatissima S. Moore 456
retusa Linn. 393
var. **borneensis** Corner 393
rigo (Bailey) Diels 398
rhododendrifolia Miq. 392
rhodocarpa Summerhayes 455
rhomboidalis Lévl. 428
riedelii Miq., var. **minor** Corner 459
rigida Bl. 476
rigida Miq. 387
rigo F. M. Bailey 398
rivularis Merr. 418
rostrata Lam. 479
var. *urophylla* (Wall.) Koord. & Val. 480
rubrocuspidata Corner 483
rubromidotis Corner 483
rudis Miq. 452
rumphii Bl. 371
saffordii Merr. 399
saxophila Bl., var. *sublanceolata* Miq. 377
scaberrima Bl. 482
scabrella Roxb. 446
schlecteri Warb. 398
scobina Benth. 471
segaarensis Engl. 427
semicordata B. Ham. 444, 449
var. **conglomerata** (Roxb.) Corner 449
semicordata Miq. 465
sericea C. B. Robinson 381
setibracteata Elmer 477
setiflora Stapf. 420
var. **adelpha** Corner 440
puberula Corner 441
simplicissima Lour.,
var. **annamica** (Gagnep.) Corner 431
sibulanensis Elmer 411
F. *sibuyanensis* Elmer 460
sieboldii **Miq.** 427
silhetensis Miq. 428
var. *annamica* Gagnep. 431
sinuata Thunb. 479
subsp. **cuspidata** (Reinw.) Corner 479
var. **oblonga** Corner 479
smaragdina S. Moore 453
smithii Horne
var. **robusta** Corner 414
smithii 414
sororensis King 460
spathulifolia Corner 391
var. **annamensis** Corner 392
substipitata 392
stenocarpa F. v. Muell. 471
stenophylla Hemsl.
var. **macropodocarpa** (Lévl. & Vant.) Corner 429
nhatrangensis (Gagnep.) Corner 429
stephanocarpa Warb. 472
sterrocarpa Diels 375
storckii Semm.
var. **kajewskii** (Summerh.) Corner 472
stupenda Miq.
var. **minor** Corner 384
subcordata Bl. 395
var. **malayana** Corner 396
subfulva Corner 432
var. **villosula** Corner 432
subgelderi Corner 386
var. **subgelderi** 380
rigida Corner 387
subincisa B. Ham. 418, 420
subnervosa Corner 411
subpedunculata Miq. 376
subpuberula Corner 403
subsidens Corner 454
subsumatrana Gagnep. 390
subtecta Corner 386
var. **depressa** Corner 386
subtrinervia Laut. & K. Schum.
var. **doormaniana** (Diels) Corner 412
subulata Bl.
var. **gracillima** (Diels) Corner 478
sumatrana Miq.
var. **circumscissa** Corner 390
microsyce Corner 390

subsumatrana (Gagnep.) Corner 390
F. sundaica Bl. 373, 389
var. **beccariana** (King) Corner 389
superba Miq.
var. **alongensis** (Gagnep.) Corner 376
henneana (Miq.) Corner 376
swinhoei King 476
tanensis G. Bennett 414
tenuicuspidata Corner 464
var. **major** Corner 465
thynneana F. M. Bailey 398
tinctoria Forst. f. 447, 475
sub. sp. **gibbosa** (Bl.) Corner 476
var. **gibbosa** 476
rigida (Miq.) Corner 476
sub. sp. **parasitica** (Willd.) Corner 476
var. **anastomosans** (Wall.) Corner 477
parasitica 477
sub. sp. **swinhoei** (King) Corner 746
tinctoria 475
tonsa Miq. 463
var. **aspera** Corner 463
leptodictya (Diels) Corner 463
subcordata Corner 464
touranensis Gagnep. 431
trachypison Laut. & K. Schum.
var. **pallida** Corner 462
travancorica King 388
trilepis Miq. 426
triradiata Corner 375, 401
var. **sessilicarpa** Corner 401
tristaniifolia Corner 397
trivia Corner 427
truncata Miq. 393
trymatocarpa Miq. 477
tuphapensis Drake
var. **annamensis** (Gapnep.) Corner 434
umbobracteata Elmer 385
urophylla Wall. 480
vahlii K. Schum. 398
validicaudata Merr. 464
vasculosa Wall. 406
venusta Kth. & Bouch. 379
villamilii Merr. 388
virens Ait. 376
var. **glabrella** (Bl.) Corner 377
sublanceolata (Miq.) Corner 377
F. virgata Reinw. 477
var. **philippinensis** (Miq.) Corner 477
sessilis (Bur.) Corner 478
wassa Roxb. 455
var. **nubigena** (Diels) Corner 455
obversifolia (Miq.) Corner 456
williamsii C. B. Robinson 425
worcesteri Merr. 458
xylocycia Diels
var. **cylindrocarpa** (Diels) Corner 404

Flora Malesiana 161

Forestry in Malaya 172

FOSBERG, F. R.: 219

Founding and work in the early tropical Gardens 126

FURTADO, C. X.: 195, 276, 279, 350

GILLILAND, H. B.: 82, 228

GILMOUR, J. S. L.: 215

Gingers, Pioneer work on 192

Grammitis crispatula Holtt. 259

Gymnacranthera (Myristicaceae) 93
Index to 120

Gymnocarpium 366

History of Botanic Gardens 125

HOLTTUM, R. E.: 190, 350, 361

Hymenandra iteophylla (Ridl.) Furtado 306

Hopea pentanervia Sym. 495

Hypodermatium 365

Indonesia: Central Institute for Nature Research 206

JOHNSON, A.: 312, 325

Juncus prismatocarpus R. Br. 91

Katou-alou 382

KERN, J. H.: 91, 273

Kew, Royal Botanic Gardens 155

KORIBA, KWAN: 11

Koriba, Kwan, Obituary of 339

KOSTERMANS, A. F. G. H.: 1

KUSNOTO SETYODIWIRYO: 206

LAM, H. J.: 166
Lastreopsis 365
Leiden, Rijksherbarium 166
Leucostegia pallida (Mett.) Copeland 263
Lindsaya cultrata (Willd.) Sw. 262
Loxogramme scolopendrina (Bory) Presl. 256
MALAYAN AGRICULTURIST: 187
Manila, National Museum of the Philippines 199
MATTSSON, L.: 225
Meiogyne virgata (Bl.) Miq. 93
Merinthosonus drynarioides (Hook.) Copeland 257
Microcasia purseglovei Furtado 271
Microlepia puberula a.V. v.R. 262
Mohamed Nur bin Mohamed Ghous, Obituary of 331
Morus leucophylla Miq. 408
Nature Reserves 151
Ngadiman bin Haji Ismail, Obituary of 337
Nomenclature, International Code of 215
Obituaries 331
Orchids: Pioneer work on 190
Pacific Region, Importance of Biological Research in the 219
Palms, Study of 195
Parathyrium Holttum 270
Penang Botanic Gardens 128
Peralu 382
Phellodendron burkillii van Steenis 357
Pleocnemia 365
P. conjugata (Bl.) Presl. 267
Polypodium prainii (Bedd.) C. Chr. 259
Polystichopsis 366
Polystichum 366
Pteridys 365
PURSEGLOVE, J. W.: 125
QUISUMBING, E.: 199
Rainwater, pH of 244
Regenerating Forest 228
Research, Importance of 219
Reserves,
  Aboriginee 202
  Forest 151, 202
  Nature 151, 203
  Water Catchment 202
ROBINSON, R. A.: 244
Rubber, Founding of Malaya's Rubber Industry 134, 175
Rumhora 366
RUSSELL, T. A.: 155
Salvinia cucullata Roxb. 272
SANTAPAU, H.: 341
Serianthes gigalobium Kosterm. 5
Shorea argentifolia Sym. 489
S. superba Sym. 491
  symingtonii Wood 493
SINCLAIR, J.: 93, 96
Singapore Botanic Gardens 129
Sphagnum antarticum Mitt. 314
S. beccarii Hpe. 321
  borneense Warnst. 321
  cuspidatum Ehrh. 314
  cuspidatulum C. Mull. 315
    var. malaccense (Warnst.) Warnst. 315
      trengganuense Johnson 316
  flaccidifolium Dixon 316
  holttumii Johnson 320
  malaccense Warnst. 315
  novo-guineense Fleis. & Warnst. 316
  roseotinctum Johnson 320
  subrecurvum Warnst. 317
  sericum C. Mull. 317
Spilanthes *anactina* F. v. M. 273
S. *chamaecaula* A. H. Moore 273
  pusilla Hook. & Arn. 273
  urens Jacq. 273
Sympetalandra borneensis Stapf. 5
Synoecia diversifolia (Bl.) Miq. var. *augustifolia* Miq. 421

TAN KIAP SENG: 325
Taxonomy, Importance of Tropical 209
Tectaria 365
T. melanocaulon (Bl.) Copeland 268
Teijsmanniodendron sinclairii Kosterm. 6
T. holophyllum Kosterm. 8
Tetrardisia corneri Furtado 305
T. porosa (Clarke) Furtado 309
T. tetrasepala (K. & G.) Furtado 310
Thelypteris beddomei (Bak.) Ching 261
T. brunnea (Wall.) Ching 260
Trichomanes motleyi v. d. Bosch 254
Tsiela 382
U.N.E.S.C.O. 225
Urostigma accedens Miq., var. *latifolia* Miq. 398
U. balicum Miq. 395
binnendykii Miq. 373
brachypodum Miq. 402
canaliculatum Miq. 374
clusioides Miq. 373
concinnum Miq. 374
caulobotryum Miq. 378
crassirameum Miq. 373, 384
glabellum (Bl.) Miq. 374
glaberrima Bl. 373
U. hasseltii Miq. 373
infectorium Miq. 374, 376
lutescens Bl. 373
moritziana Miq. 374
obligoneuron Miq. 424
onustum Miq. 380
parvifolium Miq. 374
peracutum Miq. 373
platypodum Miq. 403
pseudorubrum Miq. 373
retusum (Linn.) Miq. 393
rigidum Miq. 387
subcordatum (Bl.) Miq. 395
sumatranum Miq. 373
sundaicum Bl. 373
timorense Miq. 374
tjiela Miq. 395
truncatum Miq. 393
virgatum Reinw. 373
wightianum Miq., var. *majus* Thw. 379
zollingerianum Miq. 373
VAN STEENIS, C. G. G. J.: 161, 273, 357
Varinga latifolia 382
Vittaria angustissima Holtt. 271
V. flexuosa Fee 271
WANTMAN, M. J.: 228
Wood, G. H. S.: A tribute 498
WYATT-SMITH, J.: 172
WYCHERLEY, P. R.: 175

8883—550—10/60